

CLAIM AMENDMENTS:

1. (currently amended) A building door (1) that can move, made up of several panels (5), each of the panels having opposite interior and exterior walls (6, 7), two opposite longitudinal edges that extend parallel to one another between the interior and exterior walls (6, 7) and substantially normal to a direction of movement of the respective panel and two opposite substantially parallel transverse edges-surfaces that extend between the interior and exterior walls and the longitudinal edges and that are aligned substantially parallel to the direction of movement of the respective panels, each of the panels further having opposite interior and exterior walls, the panels being guided along at least one guide rail (4) that has at least one curvilinear section in such a way that the panels remain at least approximately parallel to the guide rail, the panels being articulated to one another about axes of pivoting (10) parallel to their longitudinal edges by virtue of pivot elements (9), the panels (5) being equipped at their longitudinal edges with complementary male and female anti-trapping profiles, characterized in that the axes (10) of pivoting of the pivot elements (9) are at least approximately coplanar with closer to the interior walls (6) of the panels (5) with which they articulate than to the exterior walls (7) thereof, and in that the pivot elements (9) are connected to exterior areas of the substantially parallel transverse edges-surfaces (14) of the panels (5), and wherein no part of any of the pivot elements projects beyond the front interior and rear exterior walls of the respective panels.

Claims 2-5 (canceled).

6. (currently amended) The door (1) as claimed in claim 1, characterized in that the pivot elements (9)-of connected to the transverse edges-surfaces (14) each comprise a male (9a) part and female (9b) part which form a single piece joined pivotally at the axes of pivoting (10).

7. (currently amended) The door (1) as claimed in claim 6, characterized in that the pivot elements (9) consist in shapings at the ends of the transverse edges surfaces (14) allowing the various panels (5) to be articulated.

8. (currently amended) The door (1) as claimed in claim 7, characterized in that the transverse edgessurfaces (14) of the panels (5) comprise a male part (9a) at a first end and a female part (9b) at a second end to allow the panels (5) to be articulated.

9. (previously presented) The door (1) as claimed in claim 8, characterized in that the male part (9a) has a shaft (15) the axis of which defines the axis of pivoting (10) and in that the female part (9b) has a drilling (16) to take a shaft (15).

10. (currently amended) The door (1) as claimed in claim 1, characterized in that the transverse edgesurfaces of each of the panels and adjacent portions of the interior and exterior walls defines a U-section (14).

Claim 11 (canceled).

12. (currently amended) The door (1) as claimed in claim 1, characterized in that each of the pivot elements (9) has a guide device (12, 18, 19) each of the guide devices being disposed in alignment with portions of the panels between the interior wall and an exterior wall thereof, the guide devices being engageable with the guide rail.

13. (previously presented) The door (1) as claimed in claim 12, characterized in that each of the guide devices (12, 18, 19) is in a pivot connection with one of the pivot elements (9) in such a way that, in a rectilinear portion of the respective guide rail, the guide rail (4) is at least approximately located within the thickness of the panels.

14. (currently amended) A building door (1) that can move, made up of several panels (5), each of the panels having opposite interior and exterior walls (6, 7), two opposite longitudinal edges that extend parallel to one another between the interior and

exterior walls (6, 7) and substantially normal to a direction of movement of the respective panel and two opposite substantially parallel transverse edges-surfaces that extend between the longitudinal edges and that are aligned substantially parallel to the direction of movement of the respective panels, ~~each of the panels further having opposite interior and exterior walls~~, the panels being guided along at least one guide rail (4) that has at least one curvilinear section in such a way that the panels remain at least approximately parallel to the guide rail, the panels being articulated to one another about axes of pivoting (10) parallel to their longitudinal edges by virtue of pivot elements (9), the panels (5) being equipped at their longitudinal edges with complementary male and female anti-trapping profiles, characterized in that the axes (10) of pivoting of the pivot elements (9) are ~~at least approximately coplanar with closer to the~~ the interior walls (6) of the panels (5) with which they articulate ~~than to the exterior walls thereof~~, and in that the pivot elements (9) are connected to exterior areas of the substantially parallel transverse edges-surfaces (14) of the panels (5), and wherein each of the pivot elements (19) has a plurality of apertures (17) aligned with tappings in the transverse edges.

15. (currently amended) The door (1) as claimed in claim 14, wherein no part of any of the pivot elements projects beyond the ~~front~~interior and ~~rear~~exterior walls of the respective panel.

16. (currently amended) The door (1) as claimed in claim 14, characterized in that the pivot elements (9)-~~of~~connected to the transverse edges-surfaces (14) each comprise a male (9a) part and female (9b) part ~~which form a single piece joined pivotally at the axes of pivoting (10)~~.

17. (currently amended) The door (1) as claimed in claim 16, characterized in that the pivot elements (9) consist in shapings at the ends of the transverse edges-surfaces (14) allowing the various panels (5) to be articulated.

18. (currently amended) The door (1) as claimed in claim 17, characterized in that the transverse edges (14) of the panels (5) comprise a male part (9a) at a first end and a female part (9b) at a second end to allow the panels (5) to be articulated.

19. (previously presented) The door (1) as claimed in claim 18, characterized in that the male part (9a) has a shaft (15) the axis of which defines the axis of pivoting (10) and in that the female part (9b) has a drilling (16) to take a shaft (15).

20. (currently amended) The door (1) as claimed in claim 16, characterized in that the transverse edge-surface of each of the panels and adjacent portions of the interior and exterior walls defines a U-section (14).

Claim 21 (canceled).

22. (currently amended) The door (1) as claimed in claim 16, characterized in that the pivot elements (9) has a guide device (12, 18, 19) each of the guide devices being disposed in alignment with portions of the panels between the interior wall and an exterior wall thereof, the guide devices being engageable with the guide rail.

23. (previously presented) The door (1) as claimed in claim 22, characterized in that each of the guide devices (12, 18, 19) is in a pivot connection with one of the pivot elements (9) in such a way that, in a rectilinear portion of the respective guide rail, the guide rail (4) is at least approximately located within the thickness of the panels.